

JOB DESCRIPTION FORM

JOB TITLE: R&D Scientist **COMPANY:** Weatherbys Scientific
DEPARTMENT: R&D **REPORTS TO:** Head of R&D

Role Overview

This Research and Development Scientist role represents an integral component to Weatherbys Scientific's future R&D goals. The role provides an excellent career opportunity within a growing division, delivering vital R&D capabilities that are aligned with Weatherbys Scientific's technology road map and strategic ambitions. This role will support R&D's functional domain to deliver continuous technical improvement and product vitality, future proofing Weatherbys Scientific's competitive position and global market share within the AgriGenomics sector.

Key Responsibilities

- Carry out prioritisation, feasibility and specification phase planning for potential R&D proposals.
- Plan, deliver and trouble shoot R&D items as per projects within a defined Technology Road Map.
- Perform genetic data mining utilizing publication literature, genetic databases and reference genome builds.
- Undertake multi grade bench level tasks from sample preparation through to data analysis.
- Identification and appliance of optimal analysis methodologies to interpret biological data.
- Perform user application testing on developmental products.
- Mapping of budget allocation and tracking expenditure.
- Communicate regular direct reports, outlining project RAG status's relative to predefined goals.
- Propose and implement product handover strategies, which release standardised process pipelines, suitable for mainstream commercial services.
- Application of ethical R&D policies plus health and safety guidelines.
- Perform other duties as required.

Key Requirements

- At least 3 years' experience within a scientific division (preferably genetics related) and a minimum MSc qualification is compulsory.
- Individuals must be scientifically minded, with a clear understanding of the AgriGenomics market space, R&D procedures and relevant technologies.
- Laboratory bench level application and data analysis experience is vital for role suitability.
- Product development and associated delivery mechanism experience (preferably utilising genetic technology) is essential.
- A clear understanding of genomic databases and genome build structuring (e.g. species genome builds within Ensembl) is important.
- Experience within scripting languages, statistical analysis and data manipulation tools such as Python, R, SAS and PLINK is advantageous.
- Experience within collaborative R&D based programs both at a commercial and academia level will be core to role requirements.
- An ability to prioritise and deliver predefined goals as per agreed targets will be of importance.
- A continuous drive, adaptive thinking and a passion to take on R&D challenges within a fast paced working environment are vital facets.

Weatherbys Scientific R&D - The above is not a definitive list of your duties and you may be required to perform additional tasks as necessitated by your changing role and in line with company objectives. This job description will be reviewed as part of an annual performance review process.